

1. Introduction

Kia ora and welcome

Thank you for clicking through to our survey; it should take you around 10 to 15 minutes to complete.

The survey is being conducted by researchers from the University of Otago, with generous support from Dynata.

To go directly to the survey please click on the 'Next' button at the bottom of the page

If you lose your connection to the Internet or this survey at any point, please click the link provided in the email you received and it will take you back to the point where you left off.

THE EFFECTS OF COVID-19 AND THE LOCKDOWN ON WELLBEING IN NEW ZEALAND

Information for participants

What will participants be asked to do? The COVID-19 pandemic has resulted in major disruptions to our lives. Research from overseas has shown that pandemics and lockdowns have significant effects on people's well-being and mental health, but we do not yet have similar research from Aotearoa New Zealand. We are interested in the experience of New Zealanders and this is what we would like to ask you about. Should you agree to take part in this survey, you will be asked about your experiences over the course of the COVID-19 lockdown, including how it has affected your employment, your mental health and well-being, your behaviours, and any 'silver linings' or positive experiences. The survey should take about 10 to 15 minutes to complete.

Thank you for showing an interest in this study. Please read this information sheet carefully before deciding whether or not to participate. If you decide to participate, we thank you. If you decide not to take part there will be no disadvantage to you and we thank you for considering our request.

What is the aim of the project? This study explores the experiences of the New Zealand population during the current COVID-19 event, including the subsequent imposed social isolation measures (the Level 4 'lockdown').

What types of participants are being sought? We are seeking 2000 adult participants from the general population aged 16 years and older. We are applying quotas so we ensure our sample has reasonable numbers of people from different ethnicities, and roughly similar numbers across genders.

What data or information will be collected and what use will be made of it? All your answers will be completely anonymous to the research team, only Dynata will know the identity of participants. The results of the project may be published and will be available in the University of Otago (New Zealand) library; however there will be no way to trace responses back to individuals therefore the anonymity of participants will be preserved. The results will also be shared with the Ministry of Health to inform the support packages they offer in response to the COVID-19 crisis. The data collected will be securely stored in such a way that only members of the research team will be able to gain access to it. Data obtained as a result of the research will be retained for at least five years in secure storage. Any information held may be destroyed after five years even though the data derived from the research will, in most cases, be kept for much longer or possibly indefinitely.

Can participants change their mind and withdraw from the project? You may withdraw from participation in the survey at any time and without any disadvantage to yourself.

What supports are available? Some of the questions are about potentially sensitive topics like suicidal thoughts or family violence. We are asking about these topics because overseas evidence has suggested changes in their frequency related to the COVID-19 crisis. Like all other questions, your response to these questions is anonymous. You do not have to answer

any question you do not wish to. If you feel negatively affected thinking about any of these topics, please use the contact details for the support services provided or free call or text 1737 any time, 24 hours a day to talk to a trained counsellor. This service is completely free.

What if participants have any questions? If you have any questions about our project, either now or in the future, please feel free to contact:

Dr Matthew Jenkins

Department of Psychological Medicine, University of Otago, Wellington

Email Address: matthew.jenkins@otago.ac.nz

This study has been approved by the University of Otago Human Ethics Committee (reference F20/003). However, if you have any concerns about the ethical conduct of the research you may contact the University of Otago Human Ethics Committee (Gary Witte: gary.witte@otago.ac.nz or Jo Farron de Diaz: jo.farrondediaz@otago.ac.nz). Any issues you raise will be treated in confidence and investigated and you will be informed of the outcome.

As part of the University of Otago's ethics approval process we need to ask you to answer the following question before starting our survey.

I have read the Information Sheet for this project and agree to take part in the study.

First, a few questions to see if you qualify for this survey.

Which of these do you <u>most</u> identify with?
O Male
O Female
O Gender diverse
Which age group are you in?
O Under 18
O 18-34
O 35-54
0 55-74
O 75 and older
Which of these ethnic groups do you identify with?
Please select <u>ALL</u> the ethnic groups that you identify with.
☐ New Zealand European
☐ Māori
Samoan
☐ Cook Island Māori
Tongan
Niuean

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Chinese	
□ Indian	
Other (e.g. Duto	ch, Japanese, Tokelauan). Please state:
Do you belong to any	local iwi close to where you live?
) Yes	
O No	
O Don't know	
	0,
Thinking about your	connection to Māori culture, in the last 12 months, but prior to
lockdown, did you do	any of these things?
Please tick all that a	pply
Went to a marc	ie
☐ Went to a Māor	i festival (e.g., Pā Wars. Matariki, or Waitangi Day)
o	ong, performed a haka, given a mihi or speech, or āori performing arts or crafts
Took part in trad	ditional Māori healing or massage.
☐ None of these	

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In the last 12 months, other than those listed in the previous question, are there any
other important ways that you have connected to or expressed your Māori identity o
heritage.

Yes (please specify)

No

Don't know

Your living circumstances

These questions are about your living circumstances during the COVID-19 lockdown, which started on Thursday 26 March.

We define your 'bubble' as the household that you are in during the lockdown period, including anybody you are living with. Please note - this does not include people in other households, if you are living alone during lockdown.

<u>During the lockdown</u>, who has been living with you in your 'bubble'?

- O No one, I live by myself and have no pets
- O No one, I live by myself but I have one or more pets
- O Flatmates or tenants

Adult family/whānau member(s) only
Family/whānau members, including a child/children
) Friends
A mixture of flatmates, family/whānau members or friends
,
Including yourself, how many people live with you in your bubble?
Not everybody has ended up in their bubble of choice.
How satisfied are you with the bubble you are in?
Extremely dissatisfied
Dissatisfied
Neither satisfied nor dissatisfied
Satisfied
Extremely satisfied
In your lockdown residence, which of the following are available to you?
in your lockdown residence, willen of the following are available to you:
Please tick all that apply.
· · · · · · · · · · · · · · · · · · ·

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☐ Personal or quiet space					
☐ Internet					
☐ Computer					
☐ Easy access to a garden/	green sp	ace			
☐ None of these					
<u>During the lockdown,</u> how easy ha	s it been to	stay conn	ected with y	your family	/whānau
and friends outside your 'bubble'?					
O Extremely hard					
O Somewhat hard					
O Neither easy nor hard					
O Somewhat easy		0			
O Extremely easy	~0				
O I haven't tried to stay conf	nected				
During the lockdown, how often ha	ave you con	nected <u>ea</u>	<u>ch week</u> wit	h your fami	ily/whānaເ
and friends outside your bubble?					
		Once	2-3	4-6	
	Not at all	a week	times a week	times a week	Every day
Talked in person	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc
Talked by video (eg, Skype, WhatsApp)	\bigcirc	\circ	\bigcirc	\bigcirc	\circ

	Not at all	Once a week	2-3 times a week	4-6 times a week	Every day
Talked over the telephone	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc
Connected by writing (text, email, snail mail)	\bigcirc	\circ	0	0	0

Since the lockdown began, how has your level of contact changed with family/whānau and friends outside your bubble?

- It has increased
-) It has decreased
- It has stayed the same

Overall, thinking about how well your family/whānau has been doing since the <u>lockdown</u>, would you say that things are currently getting better, getting worse, or staying about the same?

- Getting better
- Getting worse
- Staying the same

During the lockdown, how are you and the people you are living with getting along with each other?

The following questions are about jobs and businesses during the COVID-19 lockdown.

Do you have a job now?	
O Yes, I have a job	
O No, I don't have a job	
O I am self-employed	
O I am a business owner	
O I am retired	0,
O I have never had a job	0/8
Have your hours of paid work b	een drastically reduced as a result of the
lockdown?	
O Yes	
O No	
O Doesn't apply to me	

Has your paid workload drastically increased as a result of the lockdown?

O No

What type of essential work do you do?
O Healthcare
O Law enforcement
Other emergency services (e.g., fire service)
O Provider of other essential goods or services (e.g., food supply, fuel, waste removal, internet, financial support, transport)
Through your job, have you had known direct contact with COVID-19 patients?
O I have had direct contact with people who I knew at the time were suspected of having COVID-19
I have had direct contact with people who I knew at the time had
been diagnosed with COVID-19
O I found out later that people I had contact with were probable or confirmed COVID-19 cases but I did not know at the time
I may have had contact with probable or confirmed COVID-19 cases
O To the best of my knowledge, I have not yet had contact with probable or confirmed COVID-19 cases
Do you personally own or run a business whose reduction in turnover due to COVID-19
threatens the survival of your business?
O Yes

Have you personally had to make people in your organisation redundant or
lose their jobs?
O Yes
O No
If there has been a reduction in your hours, have you applied (or has your employer
applied on your behalf) for any of the following?
Please select all that apply.
COVID-19 wage subsidy
COVID-19 leave payment
Financial support for your business
Other government financial support
None of the above
Not applicable to me
□ I don't know
How much has any reduction in your hours, losing your job, or loss of turnover
in your business made it more difficult for you to meet basic living costs such
as rent, mortgage payments, or food bills?
O A areat deal

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Over the past 5 years, have you had a medical condition that may make you more vulnerable to COVID-19 such as heart disease, COPD (difficulty breathing), weakened

immunity, or cancer?
O Yes
O No
O Prefer not to say
Do you have <u>a family member</u> who has a medical condition that may make them more
vulnerable to COVID-19 such as heart disease, COPD (difficulty breathing), weakened
immunity, or cancer?
O Yes
O No
Prefer not to say
Do you live with somebody, apart from a family member, who has a medical condition
that may make them more vulnerable to COVID-19 such as heart disease, COPD
(difficulty breathing), weakened immunity, or cancer?
O Yes
O No
O Prefer not to say

Do you think you have had COVID-19?

Do you have any physical condition or disability that affects your ability to function (e.g., leave the house for essential goods or for physical activity) during the lockdown?



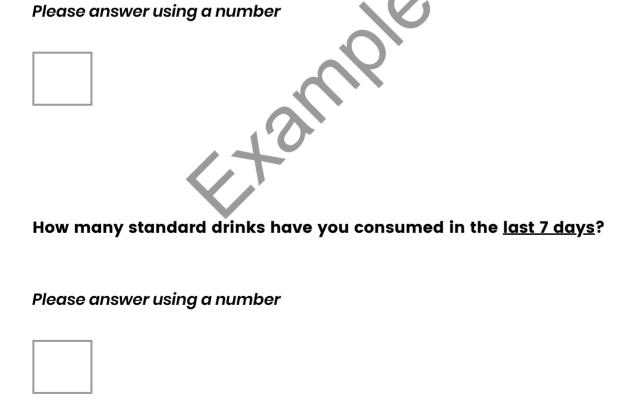
Alcohol and Smoking

The following questions are about your alcohol intake and smoking since the start of the COVID-19 lockdown.





Using the above graphic as a guide, <u>BEFORE the lockdown</u>, how many standard drinks would you have consumed in a typical 7 days?



How often do you **CURRENTLY** smoke tobacco cigarettes (either tailor-made or roll-your-

own)?
I smoke cigarettes every day
I smoke cigarettes at least once a week, but not daily
I smoke cigarettes less than once a week
I am an ex-smoker
I have never been a smoker
BEFORE the lockdown, about how many cigarettes did you smoke each day?
Please answer using a number DURING the lockdown, about how many cigarettes do you smoke each day?
Please answer using a number

BEFORE the lockdown, about how many cigarettes did you smoke each week?

Please answer using a number
<u>DURING</u> the lockdown, about how many cigarettes do you smoke each week?
Please answer using a number
How are you feeling?
The next questions are about your mental health and wellbeing. We are interested in
whether people's mental health or wellbeing may have been affected by recent COVID-19
events.

Some of these questions may seem a bit repetitive but they come from surveys that are used all over the world. Please bear with us and answer them all.

Like all of the questions in the survey, your answers are completely confidential and anonymous, and will be used for research purposes only.

DURING the lockdown:

	At no time	Some of the time	Less than half of the time	More than half of the time	Most of the time	All of the time
I have felt cheerful and in good spirits	0	0	\circ	0	0	0
I have felt calm and relaxed	0	0	0	Ser.	0	0
I have felt active and vigorous	0	0	00		0	0
I woke up feeling fresh and rested	0	0		0	0	0
My daily life has filled me with things that interest me	43	0		0	0	0

The following question refers to your overall sleep quality for most nights both before and since the lockdown.

Please think about the quality of your sleep overall, such as how many hours of sleep you got, how easily you fell asleep, how often you woke up during the night (except to go to the bathroom), how often you woke up earlier than you had to in the morning, and how refreshing your sleep was.

BEFORE the lockdown	. how would	vou rate v	our sleep	quality	/ overall?
<u> </u>					

1	2	3	4	5	6	7	8	9	10
(Terrible)	\bigcirc	\circ	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc	(Excellent)

DURING the lockdown, how would you rate your sleep quality overall?

1	2	3	4	5	6	7	8	9	10
(Terrible)	\bigcirc	\bigcirc	\bigcirc	\bigcirc	\bigcirc	0	b	\bigcirc	(Excellent)

<u>DURING the lockdown</u>, how often have you been bothered by the following?

	Not at all	Some days	Most days	Nearly every day
Feeling nervous, anxious, or on edge	0	0	0	0
Not being able to stop or control worrying	0	0	0	0
Worrying too much about different things	0	0	0	0
Having trouble relaxing	\bigcirc	\bigcirc	\bigcirc	\bigcirc
Being so restless that it's hard to sit still	0	0	0	0
Becoming easily annoyed or irritable	\circ	\circ	\circ	\circ

	Not at all	Some days	Most days	Nearly every day
Feeling afraid as if something awful might happen	\circ	\circ	\circ	0

DURING the lockdown, about how often have you felt tired out for no good reason?

None	of	the	time
NOHE	ΟI	uie	uiile

- A little of the time
- Some of the time
-) Most of the time
- All of the time
- Don't know

DURING the lockdown, about how often have you felt nervous?

None	$\cap f$	the	time
INOLIG	OΙ	uic	unte

- A little of the time
- Some of the time
- Most of the time
- All of the time
- Don't know

DURING the lockdown about how often have you felt so nervous that nothing could calm you down?

- None of the time A little of the time Some of the time Most of the time All of the time Don't know DURING the lockdown, about how often have you felt hopeless?
- None of the time
- A little of the time
-) Some of the time
- Most of the time
- All of the time
- Don't know

DURING the lockdown, about how often have you felt restless or fidgety?

- None of the time
- A little of the time
- Some of the time
- Most of the time

O All of the time	
O Don't know	
DURING the lockdown, about h	now often have you felt so restless you could not sit
still?	
O None of the time	
O A little of the time	
O Some of the time	
O Most of the time	
O All of the time	
O Don't know	
	26.
DURING the lockdown, about h	now often have you felt depressed?
O None of the time	
O A little of the time	
O Some of the time	
O Most of the time	
O All of the time	
O Don't know	

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DURING the lockdown, about how often have you felt that everything was an effort?

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Don't know

DURING the lockdown what have you found to be the main sources of stress or anxiety
for you?
Please tick all that apply
Uncertainty regarding my health
Uncertainty regarding the health of my family or friends
Uncertainty regarding my finances
Uncertainty regarding my employment security
The wider consequences of COVID-19
Not applicable
Something else
Have you previously been diagnosed with a mental illness by a doctor or psychologist?
Yes
O No
O Prefer not to say
What diagnosis or diagnoses did they make?

Please tick all that apply

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	Depression	
	Bipolar disorder	
	Anxiety disorder	
	Personality disorder	
	Psychotic disorder	
	Alcohol or drug disorder	
	Other	
	Don't know	
	Prefer not to say	
<u>1</u>	<u>DURING</u> the lockdown, how is your mental	health compared to usual?
0	Much worse than usual	\@
0	Worse than usual	
\bigcirc	The same as usual	
\bigcirc	Better than usual	
\bigcirc	Much better than usual	
0	Prefer not to say	
	•	

Important

If any of these questions have caused you to feel distressed, or if you are struggling with your mental health, please free call or text 1737 or visit https://1737.org.nz to speak to a trained counseller. This also applies if you have any concerns for your friends, family or whānau.

Alternatively, you can call D	epression.org.nz on 0800) 111 757 or text 4202.
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Have you ever been exposed to any of the following (aside from the current COVIDrelated events)?

Please tick all that apply

☐ Childhood adversity (neglect, physical or sexual abuse)
Physical or sexual abuse after the age of 16
Exposure to a traumatic event involving physical or sexual abuse to others
□ Natural disaster (e.g., fire, flood, earthquake)
☐ Serious physical injury (e.g. car accident)
☐ Serious illness
Other (please state)
☐ None of the above

Please note: The following questions ask about potentially sensitive topics.

Like all of the questions in this survey, your answers are completely confidential and anonymous, and will be used for research purposes only.

But, if there are some questions you would prefer not to answer, just skip them.

BEFORE the lockdown, but during the previous 12 months, had you:

	Yes	No	Prefer not to say
Seriously thought about ending your own life?	0	0	\circ
Made plans to end your own life?		\bigcirc	\bigcirc
Made an attempt to end your own life?	0	0	

DURING the lockdown, have you:

	Yes	No	Prefer not to say
Seriously thought about ending your own life?	\bigcirc	\circ	\bigcirc
Made plans to end your own life?	\circ	\bigcirc	0

			Prefer not to
	Yes	No	say
Made an attempt to end your			
own life?		\circ	O

If you feel distressed or feel like you want to talk about anything related to these issues, please call Lifeline on 0800 543 354 or text 4357.

Alternatively, visit the Lifeline website at https://www.lifeline.org.nz/.

Family violence

The next two questions are about any incidents of family violence that have occurred in your household.

Remember, you are not obliged to answer these questions, but all responses are completely confidential and anonymous, and your responses will be used for research purposes only.

If family violence is curently an issue for your family/whānau or friends, please contact one of the following organisations for assistance:

Women's Refuge crisis line on 0800 733 843 - (24 hours)		
Family violence information line on 0800 456 450		
Emergency services on 111.		
DURING the lockdown, have you experienced any of the following as a result of an		
action from a <u>family/whānau member</u> ?		
Please tick all that apply, and include threats made to you directly (face-to-face, phone,		
email, text), or via someone else.		
Been frightened		
Been insulted or abused		
Been threatened with harm to you, your children or your pets		
Been threatened with being hit, slapped or punched		
Been threatened with a weapon or other object		
Been slapped, punched or kicked		
Been hit with a weapon or other object		
☐ Been touched sexually in a way you didn't like		
□ Been forced to have sex when you didn't want to □ None of these.		
☐ None of these		
→ Prefer not to say		
DURING the lockdown, have you been a witness to any of the above in your 'bubble'?		
DOMINO the lockdown, have you been a withess to any of the above in your bubble ?		
O Yes		

Positive aspects of COVID-19

Have you experienced any 'silver linings' or positive aspects during the COVID-19 lockdown?

Please tick all that apply	
☐ Yes, for me personally	
☐ Yes, for wider society	
□ No	
What are these silver linings, for you personally or for wider soci	ety?
	2
	//
1.0	
Finally, a few questions about yourself	
	Yoution 2
Which of the following best describes your highest formal qualif	ication?
O No formal qualification	
O High school qualifications (school certificate, NCEA, UE,	Bursary)
O Certificate or diploma below Bachelor's level	
O Bachelor's degree	

What is your exact age (in years)?	
Which gender do you identify with?	
O Male	
) Female	
O Gender diverse	1
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
Are you?	
Transgender female to male	
Transgender male to female	
Intersexed	
Gender non-conforming	
O Genderqueer	
Two-spirit	
Third gender	
Other	

Are you pregnant?
O Yes
O No
O Don't know
What is the total income that you <u>yourself</u> received from all sources, before tax or any
other deductions, over the last 12 months?
Less than \$10,000 \$10,001 - \$20,000 \$20,001 - \$30,000 \$30,001 - \$40,000 \$40,001 - \$50,000 \$50,001 - \$60,000 \$70,001 - \$100,000 \$100,001 - \$150,000
) \$150,001 or more Prefer not to say

What is your postcode?



Are there any comments you'd like to make about COVID-19, the lockdown or this survey? If so, please write them in the box below.		
	A	

Remember

If you are feeling distressed by any of the content in this survey, think that these issues may be affecting family/whānau members or friends, or if you simply want more information, please note the following helplines and services.

Family violence

Women's Refuge

Call the crisis line on 0800 733 843 (24 hours)

'It's Not OK' family violence prevention

Call the information line on 0800 456 450

Rape Crisis

Call 0800 88 33 00 or visit http://www.rapecrisisnz.org.nz/

If you are in danger, call the emergency services on 111.

Depression or suicide

Lifeline

Call 0800 543 354 or text 4357 or on the web at https://www.lifeline.org.nz/.

NZ free and confidential counselling

Call or text 1737 or visit https://1737.org.nz/

Depression.org.nz

Call 0800 111 757, text 4202, or visit depression.org.nz.

COVID-19 information

Call the Ministry of Health Healthline on 0800 611 116 for advice, or visit https://covid19.govt.nz/ for up-todate and accurate information on COVID-19.

Thank you for taking part in our survey.

Please click 'Next' to submit your answers.

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